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BARRICK

BARRICK RESOURCES (USA), INC.

February 18, 1993

DOGM
MINERALS PROGRAM
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FEB 22 1993

DIVISION OF
OIL GAS & MINING

Mr. Don A. Ostler
Executive Secretary
Division of Water Quality
Department Environmental Quality
288 North 1460 West
Salt Lake City, UT 84114-4870

Dear Mr. Ostler,

Subject: Reservation Canyon Tailing Impoundment - Request for
Permission to Construct in 1993

This letter requests permission to expand the Reservation Canyon Tailing Impoundment, built and operated by Barrick Resources (USA), Inc.

15FT LIFT
The proposal for 1993 is to lift the structure from a confinement elevation of 7290 to a new elevation of 7305. The scope of work includes extending the impoundment liner from the 7300 elevation to the 7320 elevation. INCREASING LINED FREEBOARD FROM 10 FT TO 15 FT

These measures conform with the current long range plan for tailing storage at the Mercur Mine.

There is one design departure from the permitted 1992 construction. That concerns the impoundment liner. It is proposed that no bentonite be admixed with the Long Trail clay. The admixture did not significantly lower the permeability of the liner. It did introduce construction complications, and increased cracking was observed. The proposed return to native Long Trail liner will comply with the specifications of a minimum 12 inch thickness at a permeability of 1×10^{-7} cm/sec. A document addressing this matter is being sent under separate cover. The suggested modification will enhance the liner, and have no deleterious effect on the buttress or other impoundment features.

The proposed work is detailed in the accompanying document entitled '1993 Reservation Canyon Tailing Impoundment Expansion Project, dated February 19, 1993. Also enclosed are the design drawings 6.93.1-12.

Barrick Mercur Gold Mine
P.O. Box 838, Tooele, Utah 84074 Telephone (801) 268-4447 FAX(801) 266-4296

Mr. D. A. Ostler
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Your timely response to this request will be appreciated. Please contact me should you or your staff have any questions.

Sincerely,



Ralph R. Sacrison, P.E.
Construction Engineer


RRS:ms

cc w/att:

R. L. Morgan/State Engineer

cc w/o att:

C. L. Landa
G. M. Eurick
M. P. Richardson
D. W. Hedberg/DOGM



18-Feb-93